



TruMark Series 5000

Technical data

TruMark 5020

TruMark 5040

TruMark 5050

LASER PARAMETERS

| | | | |
|--------------------------------------|--|--|--|
| BEAM QUALITY (M ²) | < 2 | < 3.7 | ≤ 1.6 |
| WAVELENGTH | 1062 nm ± 3 nm | 1062 nm ± 3 nm | 1062 nm ± 3 nm |
| PULSE REPETITION FREQUENCY | cw, cwm, 1 kHz - 1000 kHz | cw, cwm, 1 kHz - 1000 kHz | cw, cwm, 1 kHz - 1000 kHz |
| MIN. FOCAL DIAMETER | 41 µm with focal length 4 in. | 70 µm with focal length 4 in. | 36 µm with focal length 4 in. |
| MAX. INTERNAL FOCAL POSITION CONTROL | ± 60 mm with focal length 16.5 in. | ± 60 mm with focal length 16.5 in. | ± 60 mm with focal length 16.5 in. |
| MAX. MARKING FIELD SIZE | 290 mm x 290 mm with focal length 16.5 in. | 290 mm x 290 mm with focal length 16.5 in. | 290 mm x 290 mm with focal length 16.5 in. |

STRUCTURAL DESIGN

| | | | |
|---------------------------------------|--------------------------|--------------------------|--------------------------|
| DIMENSIONS OF LASER HEAD (W X H X D) | 414 mm x 131 mm x 147 mm | 414 mm x 131 mm x 157 mm | 414 mm x 131 mm x 147 mm |
| DIMENSIONS OF SUPPLY UNIT (W X H X D) | 445 mm x 550 mm x 420 mm | 445 mm x 550 mm x 420 mm | 445 mm x 550 mm x 420 mm |

INSTALLATION

| | | | |
|---------------------|---------------|---------------|---------------|
| PROTECTION TYPE | IP54 | IP54 | IP54 |
| AMBIENT TEMPERATURE | 15 °C - 40 °C | 15 °C - 40 °C | 15 °C - 40 °C |

TruMark 5070

LASER PARAMETERS

| | |
|--------------------------------------|--|
| BEAM QUALITY (M ²) | < 3.7 |
| WAVELENGTH | 1062 nm ± 3 nm |
| PULSE REPETITION FREQUENCY | cw, cwm, 1 kHz - 1000 kHz |
| MIN. FOCAL DIAMETER | 70 µm with focal length 4 in. |
| MAX. INTERNAL FOCAL POSITION CONTROL | ± 60 mm with focal length 16.5 in. |
| MAX. MARKING FIELD SIZE | 290 mm x 290 mm with focal length 16.5 in. |

STRUCTURAL DESIGN

| | |
|---------------------------------------|--------------------------|
| DIMENSIONS OF LASER HEAD (W X H X D) | 414 mm x 131 mm x 157 mm |
| DIMENSIONS OF SUPPLY UNIT (W X H X D) | 445 mm x 550 mm x 420 mm |

INSTALLATION

| | |
|---------------------|---------------|
| PROTECTION TYPE | IP54 |
| AMBIENT TEMPERATURE | 15 °C - 35 °C |